PTO/SB/21 (08-00) Approved for use through 10/31/2002. OMB 0651-0031 Please type a plus sign (+) inside this box --> [+] U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. **Application Number** 10/706,575 TRANSMITTAL November 12, 2003 Filing Date **FORM** First Named Inventor Frank L. Hall (to be used for all correspondence after initial filing) 1725 Group Art Unit S. Heinrich **Examiner Name** Attorney Docket Number 2269-4718.1US (00-0316.01/US) ENCLOSURES (check all that apply) Terminal Disclaimer Information Disclosure Statement. Postcard receipt acknowledgment (attached to the front of this PTO/SB/08A (08-00); Copy of transmittal) cited references Supplemental Information Disclosure Terminal Disclaimer Duplicate copy of this transmittal sheet in the event that additional Statement; PTO/SB/08A (08-00); copy of cited references and Check No. filing fees are required under in the amount of \$180.00 37 C.F.R. § 1.16 Terminal Disclaimer Preliminary Amendment Associate Power of Attorney Response to Restriction Petition for Extension of Time and Requirement/Election of Species Check No. in the amount of Requirement dated Petition Amendment in response to office action dated February 4, 2005 Amendment under 37 C.F.R. § Fee Transmittal Form Other Enclosure(s) 1.116 in response to final office (please identify below): action dated Certified Copy of Priority Document(s) Additional claims fee - Check No. in the amount of \$ Assignment Papers (for an Application) Letter to Chief Draftsman and copy of FIGS. with changes made in red Transmittal of Formal Drawings Remarks The Commissioner is authorized to charge any additional fees required but not Formal Drawings (submitted with any document or request requiring fee payment under 37 C.F.R. §§ 1.16 and 1.17 to Deposit Account 20-1469 during pendency of this application. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm or James R. Duzan Registration No. 28,393 Individual name

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May 4, 2005





IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Frank L. Hall

Serial No.: 10/706,575

Filed: November 12, 2003

For: METHODS FOR PREPARING BALL GRID ARRAY SUBSTRATES VIA USE OF

A LASER

Confirmation No.: 6661

Examiner: S. Heinrich

Group Art Unit: 1725

Attorney Docket No.: 2269-4718.1US

(00-0316.01/US)

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Leta M. Howard Name (Type/Print)

AMENDMENT

MAIL STOP AMENDMENT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This amendment is in response to the Office Action of February 4, 2005, whose initial period of response is set to expire on May 4, 2005.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.